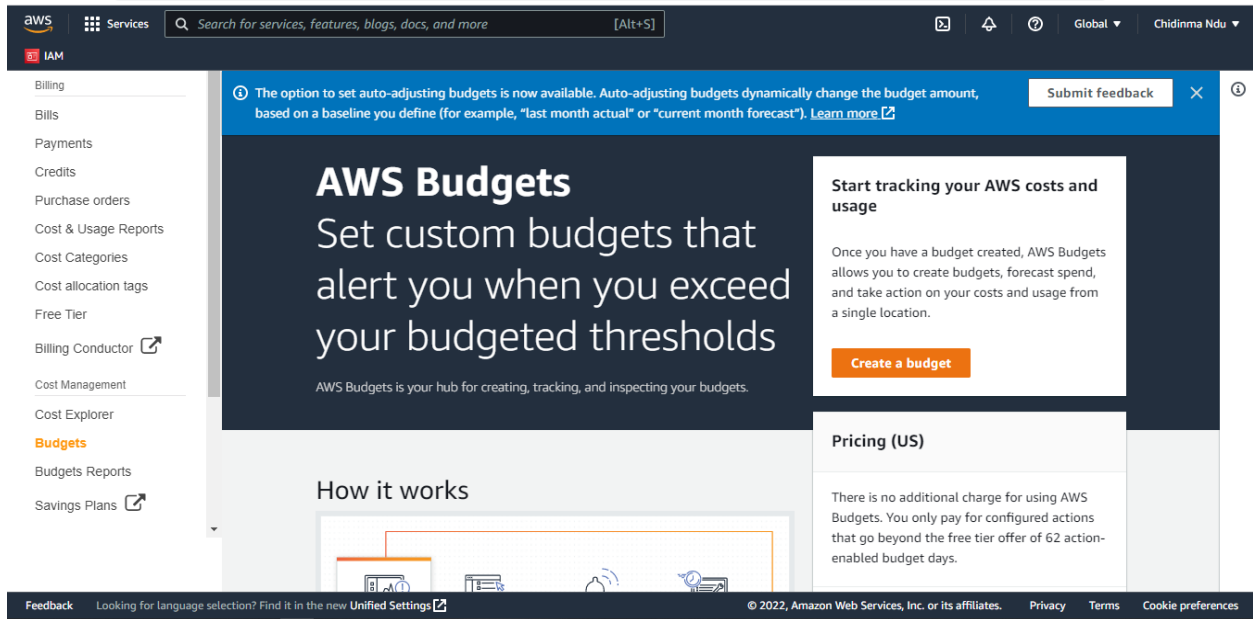


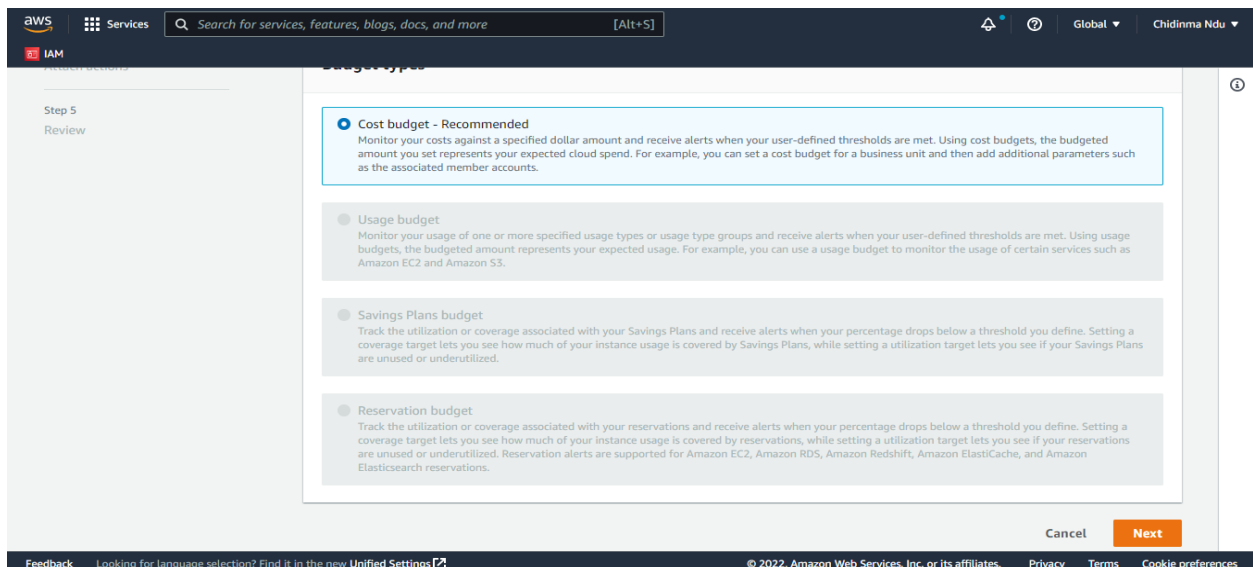
Using AWS Budgets to set custom budgets for tracking costs and usage of resources by the user or company, set up alerts by email when actual or forecasted cost and usage exceed the budgeted limit on an AWS account

STEPS TO CREATING AWS BUDGET

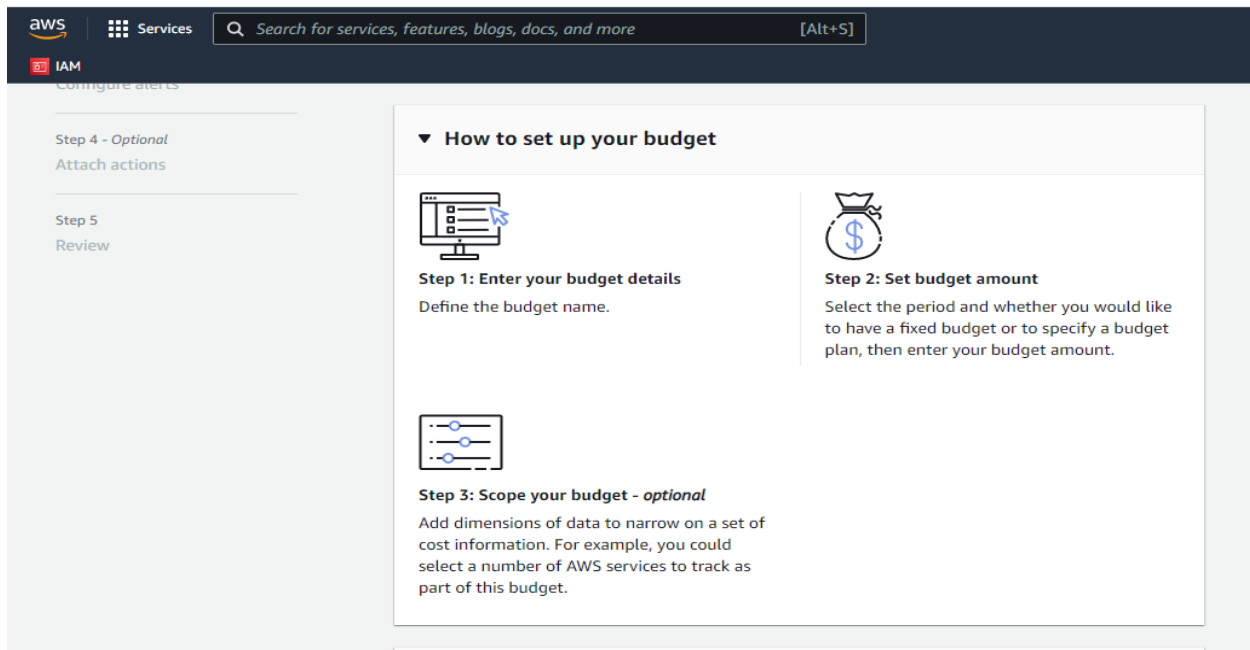
Step 1: From the MANAGEMENT CONSOLE search and click to open AWS budget or click on AWS SERVICES, search for AWS budget and click. Then click on CREATE BUDGET



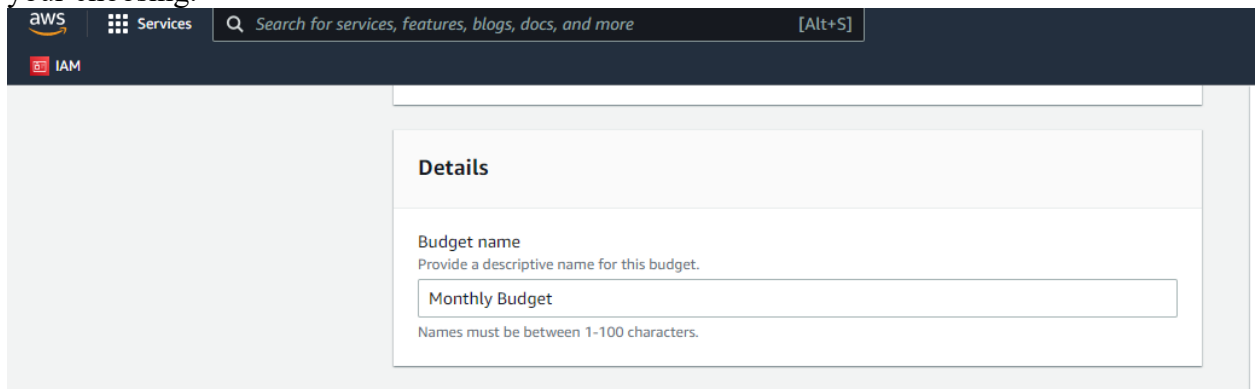
Step 2: Choose Budget Type: For me, I chose COST BUDGET, then click next



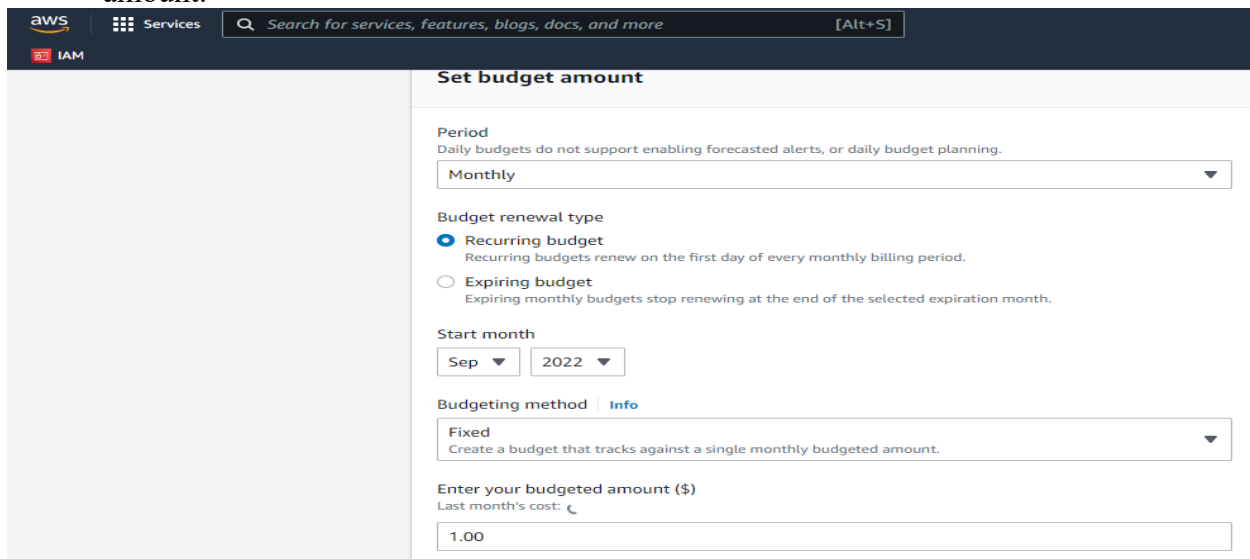
Step 3: Set Budget: There are Three Steps to setting up budget



- i. **Enter your Budget Details:** that is, Define the budget name. you can enter any name of your choosing.



- ii. **Set Budget Amount.** Select the period (that is daily or monthly etc) and whether you would like to have a fixed budget or to specify a budget plan, then enter your budget amount.



iii. **Scope of Budget.** That is, Ensure ALL AWS services are selected; this will track any cost incurred from any service in your account

The screenshot shows the 'Budget scope' configuration page in the AWS console. The page title is 'Budget scope' with an 'Info' icon. Below the title is a subtitle: 'Add filtering and use advanced options to narrow the set of cost information tracked as part of this budget'. The 'Scope options' section has two radio buttons: 'All AWS services (Recommended)' (selected) and 'Filter specific AWS cost dimensions'. The 'Advanced options' section is expanded, showing 'Aggregate costs by' set to 'Unblended costs' and 'Supported charge types' with a list of checkboxes: 'Upfront reservation fees', 'Recurring reservation charges', 'Other subscription costs', 'Taxes', 'Support charges', 'Discounts', 'Refunds', and 'Credits'. At the bottom right are 'Cancel', 'Previous', and 'Next' buttons.

Also: click on supported charge type and select refunds and credits in addition to the already selected charge types.

Step 4: Configure Alerts. Here, select the alert threshold and specify the recipient and how you want them to receive the alert (that is, by Email or by SNS).

If you are still learning like me, I will recommend you set email recipients only as SNS may incur extra charges.

Also: You can add up to 10 email recipients.

The screenshot shows the 'Alert #1' configuration page. The 'Set alert threshold' section has a 'Threshold' of 80 and a 'Trigger' of 'Actual'. A summary states: 'When your actual cost is greater than 80.00% (\$0.80) of your budgeted amount (\$1.00), the alert threshold will be exceeded.' The 'Notification preferences - Optional' section is expanded, showing 'Email recipients' with a text box containing 'putyouremailaddress@gmail.com'. A 'Budget preview' panel on the right shows a line chart for 'Cost Data' from Sep 2021 to Sep 2022 (MTD) for 'Unblended costs'. The chart shows 'Actual cost' (blue line), 'Budget' (dashed line), and 'Alert #1 (actual)' (red dashed line). A 'View in AWS Cost Explorer' button is at the bottom of the preview panel.

Step 5: Attach Actions. This action allows you be able to stop any service that is running once an alert for exceeding the set threshold is sent.

The screenshot shows the AWS IAM console with the 'Billing Console > Budgets > Create budget' breadcrumb. The left sidebar lists five steps: Step 1 (Choose budget type), Step 2 (Set your budget), Step 3 (Configure alerts), Step 4 - Optional (Attach actions), and Step 5 (Review). The main content area is titled 'Attach actions - Optional' with an 'Info' link. It features a section 'Using budgets actions' with a sub-header 'What is a budget action?' and a paragraph explaining that budget actions allow defining and triggering cost-saving responses. To the right, a 'How to get started?' section explains that an alert threshold must be created first, or an existing one selected.

Attach actions - Optional [Info](#)

▼ Using budgets actions

What is a budget action?

A budget action allows you to define and trigger cost saving responses to reinforce a cost-conscious culture. You have the option to attach actions that run whenever your alert threshold has been exceeded, such as stopping an EC2 instance from incurring any further costs. You can select the alerts to which you would like to attach actions, then define these actions.

How to get started?

To create a budget action, you will first need an alert threshold created from step 2. If you have already created an alert threshold select the type of action you want.

Step 6: Review Budget. Review to confirm your selected choices then click on Create Budget.

The screenshot shows the 'Review' step of the AWS Budgets console. The left sidebar highlights Step 5 (Review). The main content area is titled 'Review' with an 'Info' link. It contains three sections: 'Step 1: Choose budget type' with an 'Edit' button, 'Step 2: Set up your budget' with an 'Edit' button, and 'Step 3: Configure alerts' with an 'Edit' button. The 'Step 2' section shows 'Budget details' with a table of Name (Monthly Budget), Start date (Sep 2022), Budget amount (\$1.00), Period (Monthly), and End date (-). The 'Step 3' section shows 'Alerts' with 'Alert #1' having a threshold of 80% of budgeted amount measured against actual costs. Below this is 'Step 4: Attach actions - optional' with an 'Edit' button and a message 'You have no budgets actions'. At the bottom are 'Cancel', 'Previous', and 'Create budget' buttons.

Review [Info](#)

Step 1: Choose budget type [Edit](#)

Budget type

Cost budget

Monitor your costs against a specified dollar amount and receive alerts when your user-defined thresholds are met.

Step 2: Set up your budget [Edit](#)

Budget details

Name	Start date	Budget amount
Monthly Budget	Sep 2022	\$1.00
Period	End date	
Monthly	-	

Step 3: Configure alerts [Edit](#)

Alerts

Alert #1

Threshold

80% of budgeted amount

Threshold measured against

Actual costs

Step 4: Attach actions - optional [Edit](#)

Actions

You have no budgets actions

[Cancel](#) [Previous](#) [Create budget](#)

✔ Your budget Monthly Budget has been created successfully.

Billing Console > Budgets > Overview

Overview [Info](#)

Budgets (1) [Info](#)

Download CSV

Actions ▾

Create budget

Find a budget

Show all budgets ▾

< 1 > ⚙

<input type="checkbox"/>	Name	▲	Thresholds ▾	Budget	Amount ...	Forecast...	Current vs. budgeted
<input type="checkbox"/>	Monthly Budget		✔ OK	\$1.00	\$0.00	-	<div><div></div><div>0.0</div></div>

END. THANK YOU